

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	"Visual Tracking" with color	US-PGPUB; USPAT	OR	OFF	2004/07/22 08:47
S2	321	tracking with color and illumination	US-PGPUB; USPAT	OR	OFF	2004/07/20 15:56
S3	213	tracking with color and illumination and movement	US-PGPUB; USPAT	OR	OFF	2004/07/20 15:59
S4	30	tracking with color same illumination and movement	US-PGPUB; USPAT	OR	OFF	2004/07/20 15:59
S5	492	(382/103).CCLS.	USPAT; USOCR	OR	OFF	2004/07/22 09:20
S6	279	((382/103).CCLS.) and tracking	USPAT	OR	OFF	2004/07/22 09:20
S7	127	((382/103).CCLS.) and tracking) and color	USPAT	OR	OFF	2004/07/22 09:32
S8	96	(color or colour) adj2 tracking	USPAT	OR	OFF	2004/07/22 09:37
S9	23	((color or colour) adj2 tracking) and illumination	USPAT	OR	OFF	2004/07/22 09:33
S10	177	(color or colour) near2 tracking	USPAT	OR	OFF	2004/07/22 10:35
S11	26	("5016173"   "5265173"   "5459793"   "5644386"   "5649021"   "5659490"   "5751450"   "5912980"   "5961571"   "6014167"   "6075557"   "6118887"   "6148092"   "6181817"   "6188777"   "6215893"   "6292575"   "6332033"   "6363160"   "6389155"   "6394557"   "6404900"   "6419638"   "6445810"   "6483445"   "6556708"   "2001/0042081").PN.	USPAT	OR	OFF	2004/07/22 09:37
S12	0	"6760465".URPN.	USPAT	OR	OFF	2004/07/22 09:40
S13	0	"20030128298".URPN.	USPAT	OR	OFF	2004/07/22 09:42
S14	900	(color or colour) with tracking	USPAT	OR	OFF	2004/07/22 09:51
S15	147204	illumination or lighting	USPAT	OR	OFF	2004/07/22 09:51
S16	57	((color or colour) with tracking) same (illumination or lighting)	USPAT	OR	OFF	2004/07/22 09:51
S17	3	("4847688"   "5062056"   "5406501").PN.	USPAT	OR	OFF	2004/07/22 10:02
S18	7	"5574498".URPN.	USPAT	OR	OFF	2004/07/22 10:04
S19	1665050	shape or face or figure or contour or outline	USPAT	OR	OFF	2004/07/22 10:35
S20	3028	(color or colour) with track\$3	USPAT	OR	OFF	2004/07/22 11:08
S21	240	(shape or face or figure or contour or outline) same ((color or colour) with track\$3)	USPAT	OR	OFF	2004/07/22 10:36

S22	599	(shape or face or figure or contour or outline) and ((color or colour) with tracking)	USPAT	OR	OFF	2004/07/22 11:09
S23	92	(shape or face or figure or contour or outline) same ((color or colour) with tracking)	USPAT	OR	OFF	2004/07/22 11:09
S24	20	color with shape with tracking	USPAT	OR	OFF	2004/07/22 11:54
S25	3	("4847688"   "5062056"   "5406501").PN.	USPAT	OR	OFF	2004/07/22 12:13
S26	7	"5574498".URPN.	USPAT	OR	OFF	2004/07/22 12:16
S27	1	("6731392").PN.	USPAT; USOCR	OR	OFF	2004/07/22 12:43
S28	0	"shape analysis" and "color tracking"	USPAT	OR	OFF	2004/07/22 12:43
S29	478	"shape analysis"	USPAT	OR	OFF	2004/07/22 12:44
S30	6	"shape analysis" and ((color or colour) with tracking)	USPAT	OR	OFF	2004/07/22 12:44
S31	114	tracking same shape same color	USPAT	OR	OFF	2004/07/22 12:55
S32	17400	(target or image or video or object of face) with tracking	USPAT	OR	OFF	2004/07/22 13:28
S33	620	((target or image or video or object of face) with tracking) same (color or colour)	USPAT	OR	OFF	2004/07/22 12:56
S34	448	((target or image or video or object of face) with tracking) same (color or colour) and (shape or face or figure or contour or outline)	USPAT	OR	OFF	2004/07/22 13:02
S35	172	((target or image or video or object of face) with tracking) same (color or colour) and (shape or face or figure or contour or outline) and target	USPAT	OR	OFF	2004/07/22 13:03
S36	1	"5808695".PN.	USPAT	OR	OFF	2004/07/22 13:13
S37	1	"5883969".PN.	USPAT	OR	OFF	2004/07/22 13:14
S38	1	"5880782".PN.	USPAT	OR	OFF	2004/07/22 13:14
S39	1	"5764283".PN.	USPAT	OR	OFF	2004/07/22 13:14
S40	1	"5761326".PN.	USPAT	OR	OFF	2004/07/22 13:15
S41	1	"5757422".PN.	USPAT	OR	OFF	2004/07/22 13:16
S42	1	"5416513".PN.	USPAT	OR	OFF	2004/07/22 13:16
S43	900	(color or colour) with tracking	USPAT	OR	OFF	2004/07/22 13:28
S44	368	(color or colour) with tracking same ((target or image or video or object of face) with tracking)	USPAT	OR	OFF	2004/07/22 13:47
S45	3	"color indexing" with tracking	USPAT	OR	OFF	2004/07/22 13:48
S46	1	"5912980".PN.	USPAT	OR	OFF	2004/07/22 13:54

S47	1	"5581625".PN.	USPAT	OR	OFF	2004/07/22 13:54
S48	1	"5550928".PN.	USPAT	OR	OFF	2004/07/22 13:54
S49	1	"5473369".PN.	USPAT	OR	OFF	2004/07/22 14:16
S50	1	"4364089".PN.	USPAT	OR	OFF	2004/07/22 14:41
S51	1	"4539590".PN.	USPAT	OR	OFF	2004/07/22 14:41
S52	1	"4849906".PN.	USPAT	OR	OFF	2004/07/22 14:41
S53	1	"5187585".PN.	USPAT	OR	OFF	2004/07/22 14:42
S54	1	"5187574".PN.	USPAT	OR	OFF	2004/07/22 14:43
S55	1	"5196688".PN.	USPAT	OR	OFF	2004/07/22 14:43
S56	1	"5196929".PN.	USPAT	OR	OFF	2004/07/22 14:44
S57	8	("5187574"   "5196688"   "5196929"   "5204749"   "5214504"   "5280530"   "5291300"   "5355163").PN.	USPAT	OR	OFF	2004/07/22 14:44
S58	1	("5,355,163").PN.	USPAT; USOCR	OR	OFF	2004/07/22 14:48
S62	3073	(track\$5 target near3 recognition) with (color (hue and saturation))	USPAT	OR	OFF	2004/12/21 12:00
S63	25	(track\$5 target near3 recognition) with ( (hue and saturation))	USPAT	OR	OFF	2004/12/21 11:50
S64	28	(tracking target near3 recognition) same ( (hue and saturation))	USPAT	OR	OFF	2004/12/21 11:59
S65	96560	(var\$5 chang\$3 fluctuat\$3) near3 (illumination light\$5)	USPAT	OR	OFF	2004/12/21 11:59
S66	2865	(track\$5 target near3 recognition) same S65	USPAT	OR	OFF	2004/12/21 12:00
S67	1338	(tracking target near3 recognition) same S65	USPAT	OR	OFF	2004/12/21 14:20
S68	147	(tracking target near3 recognition) same S65 and (quadratic gaussian)	USPAT	OR	OFF	2004/12/21 13:56
S69	916	(tracking target near3 recognition) same "5" and (quadratic gaussian)	USPAT	OR	OFF	2004/12/21 13:56
S70	96560	(var\$5 chang\$3 fluctuat\$3) near3 (illumination light\$5)	USPAT	OR	OFF	2004/12/21 13:56
S71	147	(tracking target near3 recognition) same S70 and (quadratic gaussian)	USPAT	OR	OFF	2004/12/21 14:00
S72	15	S71 and hue and saturation	USPAT	OR	OFF	2004/12/21 13:58
S73	118	(tracking target near3 recognition) same S70 and (quadratic gaussian) and (image video camera)	USPAT	OR	OFF	2004/12/21 14:08
S74	162	(average standard near2 deviation) near3 hue	USPAT	OR	OFF	2004/12/21 14:09

S75	677	(average standard near2 deviation) near3 hue (average standard near2 deviation) near3 saturation	USPAT	OR	OFF	2004/12/21 14:12
S76	139	S75 and S70	USPAT	OR	OFF	2004/12/21 14:10
S77	30	(standard near2 deviation) near3 hue (standard near2 deviation) near3 saturation	USPAT	OR	OFF	2004/12/21 14:12
S78	7	S77 and S70	USPAT	OR	OFF	2004/12/21 14:12

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	(Hue same Saturation) same (quadratic same gaussian)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/23 09:26
S2	5985	Hue same Saturation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/23 09:22
S3	374	quadratic same gaussian	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/23 09:22
S4	5	S2 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/23 09:22
S5	5	(Hue same Saturation) and (quadratic same gaussian)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/23 09:27
S6	3174	HSI	USPAT	OR	OFF	2004/07/23 09:28
S7	1	HSI and S3	USPAT	OR	OFF	2004/07/23 09:29
S8	2	HSI and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/07/23 09:29
S9	3449	Hue same Saturation	USPAT	OR	OFF	2004/07/22 15:49
S10	257	quadratic same gaussian	USPAT	OR	OFF	2004/07/22 15:50
S11	0	(Hue same Saturation) same (quadratic same gaussian)	USPAT	OR	OFF	2004/07/23 09:21
S12	3	(Hue same Saturation) and (quadratic same gaussian)	USPAT	OR	OFF	2004/07/22 15:51
S13	118	(Hue same Saturation) and gaussian	USPAT	OR	OFF	2004/07/22 15:52
S14	10	(Hue same Saturation) same gaussian	USPAT	OR	OFF	2004/07/22 15:54
S15	6	(Hue same Saturation) same quadratic	USPAT	OR	OFF	2004/07/22 15:57
S16	67	quadratic same "standard deviation"	USPAT	OR	OFF	2004/07/22 15:59

S17	884	quadratic same (average or mean)	USPAT	OR	OFF	2004/07/22 15:58
S18	192	quadratic same ("standard deviation" or variance)	USPAT	OR	OFF	2004/07/22 15:59
S19	196	quadratic same ("standard deviation" or variance or root-mean-square)	USPAT	OR	OFF	2004/07/22 16:00
S20	200	quadratic same ("standard deviation" or variance or root adj1 mean adj1 square)	USPAT	OR	OFF	2004/07/22 16:01
S21	196	(quadratic same ("standard deviation" or variance or root-mean-square)) and (quadratic same ("standard deviation" or variance or root adj1 mean adj1 square))	USPAT	OR	OFF	2004/07/22 16:01
S22	121	(quadratic same (average or mean)) and (quadratic same ("standard deviation" or variance or root adj1 mean adj1 square))	USPAT	OR	OFF	2004/07/22 16:01
S23	24	(quadratic same (average or mean)) and (quadratic same ("standard deviation" or variance or root adj1 mean adj1 square)) and color	USPAT	OR	OFF	2004/07/22 16:02
S24	3	(quadratic same (average or mean)) and (quadratic same ("standard deviation" or variance or root adj1 mean adj1 square)) and (Hue same Saturation)	USPAT	OR	OFF	2004/07/22 16:03
S25	709135	three adj1 dimensional aj1 color aj1 model	USPAT	OR	OFF	2004/07/22 16:05
S26	3403	(three adj1 dimensional aj1 color aj1 model) and (Hue same Saturation)	USPAT	OR	OFF	2004/07/22 16:06
S27	118	(three adj1 dimensional aj1 color aj1 model) and (Hue same Saturation) and gaussian	USPAT	OR	OFF	2004/07/22 16:15
S28	5	(three adj1 dimensional aj1 color aj1 model) and (Hue same Saturation) and gaussian and quadratic	USPAT	OR	OFF	2004/07/22 16:19
S29	14032	Recognition same image	USPAT	OR	OFF	2004/07/22 16:19
S30	1563	Recognition same image same color	USPAT	OR	OFF	2004/07/22 16:19
S31	1025	Recognition with image same color	USPAT	OR	OFF	2004/07/22 16:20
S32	141937	(var\$3 or chang\$3 or fluctuat\$3) with (illumination or light\$3)	USPAT	OR	OFF	2004/07/22 16:34

S33	237	(Recognition with image same color) and ((var\$3 or chang\$3 or fluctuat\$3) with (illumination or light\$3))	USPAT	OR	OFF	2004/07/22 16:35
S34	166255	(var\$4 or chang\$3 or fluctuat\$3) with (illumination or light\$3)	USPAT	OR	OFF	2004/07/22 16:35
S35	260	(Recognition with image same color) and ((var\$4 or chang\$3 or fluctuat\$3) with (illumination or light\$3))	USPAT	OR	OFF	2004/07/22 16:35

IEEE Search

100 - hue <and> saturation  
4 - hue <and> saturation <and> Gaussian  
0 - hue <and> saturation <and> quadratic  
25 - color <and> quadratic <and> Gaussian

AMC Search

200 – hue and saturation  
18 – hue and saturation and quadratic  
38 – hue and saturation and gaussian